imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Holemaking Products & Accessories

Made of top-of-the-line materials for longer lasting performance, Klein's diverse line of drill bits and holemaking products and accessories provide accuracy and consistency to get the job done right.

For Professionals... Since 1857™

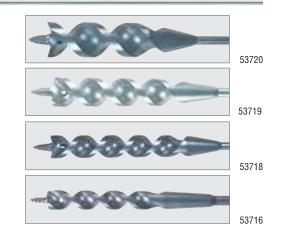


Flexible Drill Bits

Flex Bit Augers 🛶 🌚

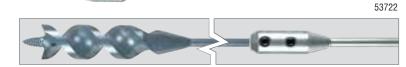
- Used to drill holes through wood within a wall
- Tapered back for easy bit retrieval
- Spring steel shaft resists deformation
- Screw point tip pulls the bit through wood
- Hole in tip allows for use with wire or cable pulling grip

| Cat. No. | Length | Weight |
|----------|-----------------------------------|--------------------|
| 53716 | 3/4" x 54" (19.1 x 1371.6 mm | 1.0 lbs. (0.45 kg) |
| 53717 | 3/4" x 54" (19.1 x 1371.6 mm | 1.0 lbs. (0.45 kg) |
| 53718 | 9/16" (14.3 mm) x 54" (1371.6 mm) | 1.0 lbs. (0.45 kg) |
| 53719 | 3/4" x 54" (19.1 x 1371.6 mm | 2.0 lbs. (0.91 kg) |
| 53751 | 3/4" x 54" (19.1 x 1371.6 mm | 2.0 lbs. (0.91 kg) |
| 53720 | 1" x 54" (25.4 x 1371.6 mm) | 2.0 lbs. (0.91 kg) |



Flex Bit Extensions

• Connects to the end of a flex bit and extends the length



| Cat. No. | For Use With | Connection Diameter | Length | Weight |
|----------|-----------------------------|---------------------|-----------------|--------------------|
| 53722 | 3/4" (19.1 mm) and Larger | 5/8" (15.9 mm) | 54" (1371.6 mm) | 1.0 lbs. (0.45 kg) |
| 53723 | 9/16" (14.3 mm) and Smaller | 7/16" (11.1 mm) | 54" (1371.6 mm) | 1.0 lbs. (0.45 kg) |

Flex Bit Placement Tool

- For use with flexible drill bits
- Positions flexible drill bits horizontally or vertically within a wall
- Cushion Grip handle for non-slip comfort
- Folding design stores more compactly than standard tool

| Cat. No. | Length | Weight | |
|----------|----------------|--------------------|--|
| 53715SEN | 11" (279.4 mm) | 1.0 lbs. (0.45 kg) | |



Pulling Grips

Pulling Grips

- Used to pull wire or cable through walls
- Pulling grip attaches to the hole in the tip of the flex bit; wire mesh holds the wire during the pull
- Swivel end helps reduce twisting

| Cat. No. | Capacity | Maximum Safe Load | Weight |
|-----------|---------------------------------|-------------------|--------------------|
| KPS050SEN | 1/2" to 9/16" (12.7 to 14.3 mm) | 100 lbs. (45 kg) | 1.1 lbs. (0.50 kg) |
| KPS075SEN | 3/4" to 1" (19.1 to 25.4 mm) | 185 lbs. (84 kg) | 1.8 lbs. (0.82 kg) |



AWARNING: Do not exceed maximum safe load as listed on the label attached to the product.

AWARNING: Always match proper size and type of grip to application.

AWARNING: Always inspect equipment before use.

NOTE: Read and follow safety instructions in power tool owner's manual.



See page 310 for additional information on warnings.



Flex Bit Kit

- 3-piece kit includes folding placement tool, 1/2"-9/16" O.D. pulling grip and 9/16" x 54" flexible drill bit
- Everything you need to pull up to 9/16" O.D. wire
- Complete kit used for drilling and pulling wire and cable
- Use placement tool (Cat. No. 53715SEN) to guide bit through walls
- Flexible drill bit (Cat. No. 53718) makes 9/16" holes in wood
- Pulling grip (Cat. No. KPS050SEN) attaches to the flexible drill bit after the hole has been made and pulls 1/2" - 9/16" wire and cable

| Cat. No. | Kit Contains | | Weight |
|----------|-------------------|---|--------------------|
| 53721 | | | 2.0 lbs. (0.91 kg) |
| | Cat. No. | Description | |
| | 53715SEN | Flex Bit Placement Tool | |
| | 53718 | Flex Bit Auger 9/16" x 54" | |
| | KPS050SEN | Wire Pulling Grip 1/2" to 9/16" | |
| 53/21 | 53715SEN 53718 | Flex Bit Placement Tool Flex Bit Auger 9/16" x 54" | 2.0 lbs. (0.91 kg) |

Hole Saws

Adjustable Hole Saw

- Quickly and smoothly cuts cleaner holes in drywall and ceiling tiles
- Blades adjust to cut holes from 2" to 7" (50.8 to 177.8 mm) in diameter
- Fits most 3/8" (9.5 mm) and 1/2" (12.7 mm) drill chucks
- No binding while cutting
- No additional tools needed to adjust the hole saw
- Dust shield catches ceiling debris (2 included)
- Hex key included

| Cat. No. | Range | Weight |
|----------|-----------------------------|-----------------|
| 53731 | 2" to 7" (50.8 to 177.8 mm) | 5.0 oz. (142 g) |

Electrician's Hole Saw Kit

- Optimized teeth pattern for fast, consistent cutting of steel including stainless steel
- Cuts precise holes in stainless steel and mild steel, drywall, ceiling tile, laminates, wood and plastic
- Longest lasting, fastest cutting blade on the market
- Heavy-duty steel construction includes 5 mil back plate to withstand abuse
- · Hex-shaped base for easy removal from arbor
- Contains the most popular sizes for basic electrical work
- All components are packed in a rust-proof, molded plastic carrying case

| Kit Contaiı | IS | Weight |
|-------------|--|---|
| | | 2.6 lbs. (1.18 kg) |
| Cat. No. | Description | |
| 31914 | Bi-Metal Hole Saw, 7/8" | |
| 31918 | Bi-Metal Hole Saw, 1-1/8" | |
| 31922 | Bi-Metal Hole Saw, 1-3/8" | |
| 31928 | Bi-Metal Hole Saw, 1-3/4" | |
| 31932 | Bi-Metal Hole Saw, 2" | |
| 31940 | Bi-Metal Hole Saw, 2-1/2" | |
| 31905 | Hole Saw Arbor with Adapter, 3/8" | |
| 31906 | Hole Saw Arbor With Pins, 3/8" | |
| | Cat. No. 31914 31918 31922 31928 31932 31940 31905 | 31914 Bi-Metal Hole Saw, 7/8" 31918 Bi-Metal Hole Saw, 1-1/8" 31922 Bi-Metal Hole Saw, 1-3/8" 31928 Bi-Metal Hole Saw, 1-3/4" 31932 Bi-Metal Hole Saw, 2" 31932 Bi-Metal Hole Saw, 2" 31932 Bi-Metal Hole Saw, 2" 31940 Bi-Metal Hole Saw, 2-1/2" 31905 Hole Saw Arbor with Adapter, 3/8" |

See page 310 for additional information on warnings.



NOTE: Read and follow safety instructions in power tool owner's manual.









53721

53731



Hole Saws

Bi-Metal Hole Saws

- Optimized for cutting steel including stainless steel
- Cuts precise holes in stainless steel and mild steel, drywall, ceiling tile, laminates, wood and plastic
- Longest lasting, fastest cutting blade on the market
- Heavy-duty steel construction includes 5 mil back plate to withstand abuse
- The smallest hole saws feature hex-shaped base for easy removal from arbor



| Cat. No. | Saw Diameter | Pipe Tap Size | Pipe Entrance Size | For Use With | Weight |
|----------|-------------------|------------------|--------------------|----------------|--------------------|
| 31914 | 7/8" (22.2 mm) | 3/4" (19.1 mm) | 1/2" (12.7 mm) | 31905 | 0.96 oz. (27 g) |
| 31918 | 1-1/8" (28.6 mm) | 1" (25.4 mm) | 3/4" (19.1 mm) | 31905 | 1.3 oz. (37 g) |
| 31922 | 1-3/8" (34.9 mm) | — | 1" (25.4 mm) | 31905 or 31906 | 1.9 lbs. (0.86 kg) |
| 31928 | 1-3/4" (44.5 mm) | 1-1/2" (38.1 mm) | 1-1/4" (31.8 mm) | 31906 | 1.9 lbs. (0.86 kg) |
| 31932 | 2" (50.8 mm) | — | 1-1/2" (38.1 mm) | 31906 | 2.1 oz. (60 g) |
| 31940 | 2-1/2" (63.5 mm) | — | 2" (50.8 mm) | 31906 | 2.7 oz. (77 g) |
| 31944 | 2-3/4" (69.9 mm) | — | — | 31906 | 3.0 lbs. (1.36 kg) |
| 31948 | 3" (76.2 mm) | — | 2-1/2" (63.5 mm) | 31906 | 3.5 oz. (99 g) |
| 31958 | 3-5/8" (92.1 mm) | — | 3" (76.2 mm) | 31906 | 4.6 oz. (130 g) |
| 31972 | 4-1/2" (114.3 mm) | _ | 4" (101.6 mm) | 31906 | 6.4 oz. (181 g) |
| 31900 | 6-3/8" (161.9 mm) | _ | 6" (152.4 mm) | 31906 | 2.0 lbs. (0.91 kg) |

Multiple slots provide different leverage points to easily remove material.

31905 arbor

* Pipe Tap Size - The sizes listed provide the necessary information whenever a pipe is to be threaded into tanks, boilers, etc. To secure the best results, the hole should be reamed before tapping with a reamer having a taper of 3/4" per foot.

** Pipe Entrance Size - The sizes listed provide the necessary information for any given pipe size to have sufficient clearance to pass through beams, walls, bulkheads, etc.

Hole-Saw Arbors and Accessories

- Cat. No. 31905 is for use with all Klein hole saws
- Cat. No. 31906 is for use with Klein hole saws 1-3/8" to 6-6/8" (35 mm to 162 mm)
- Fast and easy to engage and disengage hole saws
- Steel construction for long life
- 118° split point pilot bits
- 31905 includes arbor adaptor for 5/8"-18
- Hardened mandrels for long thread life



| Cat. No. | Thread Size | Shank Size | Shank Style | Pins | Electric Drill Size | Weight |
|----------|-------------|---------------------------|-------------|------|---------------------------|-----------------|
| 31905 | 1/2" to 20 | 3/8" | Hexagonal | N | 1/2" (12.7 mm) and Larger | 2.6 oz. (74 g) |
| 31906 | 5/8" to 18 | 7/16" | Hexagonal | Y | 1/2" (12.7 mm) and Larger | 2.6 oz. (74 g) |
| Cat. No. | Desc | ription | | | | Weight |
| 31907 | Repla | acement Pilot Bit, 1/4" x | 3-1/4" | | | 0.3 oz. (8.5 g) |

Carbide-Tipped Hole Cutters

Carbide Hole Cutters

- Cuts quick, precise holes in stainless steel, mild steel, iron, copper and brass sheet up to 3/16" (5 mm) thick
- Smooth start pilot drill bit for greater control
- Split point pilot drill bit prevents bit walking
- Integrated flange prevents the operator from drilling beyond the sheet metal
- Ejection spring for easy slug removal



| Cat. No. | Size | Conduit & Pipe Sizes | Weight | |
|------------------|------------------|-------------------------|------------------|--|
| 31850 | 3/4" (19.1 mm) | _ | 4.0 oz. (113 g) | |
| 31852 | 7/8" (22.2 mm) | 1/2" (12.7 mm) | 4.8 oz. (136 g) | |
| 31856 | 1-1/8" (28.6 mm) | 3/4" (19.1 mm) | 6.4 oz. (181 g) | |
| 31860 | 1-3/8" (34.9 mm) | 1" (25.4 mm) | 7.2 oz. (204 g) | |
| 31866 | 1-3/4" (44.5 mm) | 1-1/4" (31.8 mm) | 11.2 oz. (318 g) | |
| 31868 | 2" (50.8 mm) | 1-1/2" (38.1 mm) | 12.8 oz. (363 g) | |
| 31870 | 2-1/2" (63.5 mm) | 2" (50.8 mm) | 15.2 oz. (431 g) | |
| Replacement Part | | | | |
| Cat. No. | Description | | Weight | |
| 31874 | Replacement Ho | ole Cutter Pilot Bit | 0.8 oz (23 g) | |



240

R



Carbide-Tipped Hole Cutters

4-Piece Carbide Hole Cutter Kit

Conduit and pipe sizes: 1/2" to 1" (12.7 to 25.4 mm)

| Cat. No. | Set Contai | ns | | Weight |
|----------|------------|------------------|-------------------------|--------------------|
| 31872 | | | | 1.5 lbs. (0.68 kg) |
| | Cat. No. | Size | Conduit & Pipe Sizes | |
| | 31852 | 7/8" (22.2 mm) | 1/2" (12.7 mm) | - |
| | 31856 | 1-1/8" (28.6 mm) | 3/4" (19.1 mm) | _ |
| | 31860 | 1-3/8" (34.9 mm) | 1" (25.4 mm) | _ |
| | 31874 | Pilot Bits | _ | _ |



• Conduit and pipe sizes: 1/2"to 2" (12.7 to 50.8 mm)

| Cat. No. | Set Contai | ns | | Weight |
|----------|------------|------------------|-------------------------|--------------------|
| 31873 | | | | 4.3 lbs. (1.95 kg) |
| | Cat. No. | Size | Conduit & Pipe Sizes | |
| | 31852 | 7/8" (22.2 mm) | 1/2" (12.7 mm) | - |
| | 31856 | 1-1/8" (28.6 mm) | 3/4" (19.1 mm) | - |
| | 31860 | 1-3/8" (34.9 mm) | 1" (25.4 mm) | - |
| | 31866 | 1-3/4" (44.5 mm) | 1-1/4" (31.8 mm) | - |
| | 31868 | 2" (50.8 mm) | 1-1/2" (38.1 mm) | - |
| | 31870 | 2-1/2" (63.5 mm) | 2" (50.8 mm) | - |
| | 31874 | Pilot Bits | | _ |





Knockout Punches

Knockout Punch Set with Wrench

- Set includes: 1" ratcheting wrench, knockout punches, dies and draw studs for 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2" conduit sizes
- Cutting capacity 10 gauge mild steel; also cuts aluminum, fiberglass and plastic
- Splits slugs for easy removal
- Punches holes cleanly and accurately
- Kit includes six different size knockout punches and dies, two draw studs and one ratcheting box end wrench



 $\label{eq:NOTE: Lubricate threads before each use.}$

See page 310 for additional information on warnings.



Cat. No.

53732SEN

Set Contains

Cat. No.

Punch

53819

53827

53837

53849

53857

53867 Die 53820

53828

53838

53850

53858

53868

53873

53871

53872

Additional Items

Description

7/8" Knockout Punch, 1/2" Conduit

1.115" Knockout Punch, 3/4" Conduit

1.701" Knockout Punch. 1-1/4" Conduit

1.951" Knockout Punch, 1-1/2" Conduit 2.416" Knockout Punch, 2" Conduit

1.362" Knockout Punch. 1" Conduit

7/8" Knockout Die, 1/2" Conduit

1.115" Knockout Die, 3/4" Conduit

1.701" Knockout Die, 1-1/4" Conduit

1.951" Knockout Die, 1-1/2" Conduit

1.362" Knockout Die, 1" Conduit

2.416" Knockout Die, 2" Conduit

1" Ratcheting Box End Wrench

3/4" X 4" Knockout Draw Stud

3/8" X 2-5/8" Knockout Draw Stud

Weight

(4.08 kg)

9.0 lbs.



Knockout Punches

Knockout Punch Set

- Optimized design reduces wrench effort
- Slugs are split inside for easy removal
- Maximum capacity of 10 gauge mild steel. Also cuts aluminum, fiberglass and plastic
- Punches holes cleanly and accurately
- Set includes 1/2" or 3/4" punch and die with draw stud

| Cat. No. | Conduit Size | Overall Length | Weight | |
|----------|----------------|------------------|------------------|--|
| 53727SEN | 3/4" (19.1 mm) | 4" (101.6 mm) | 15.7 oz. (445 g) | |
| 53728SEN | 1/2" (12.7 mm) | 2-5/8" (66.7 mm) | 7.2 oz. (204 g) | |







NOTE: Lubricate threads before each use

Step Drill Bits

Double-Fluted High-Speed Step Drill Bits

· Easy-to-read silver step rings save time when drilling common holes

Thick, extra-long 3/8" hex shank provides a firm, positive grip in the

Increment

1/32" (0.8 mm)

1/16" (1.6 mm)

1/16" (1.6 mm)

Hole Size

1/8" to 1/2" (3.2 to 12.7 mm)

1/4" to 3/4" (6.4 to 19.1 mm)

3/16" to 7/8" (4.8 to 22.2 mm)

1-3/8" (34.9 mm)

7/8" (22.2 mm), 1-1/8" (28.6 mm)

7/8" (22.2 mm), 1-1/8" (28.6 mm),

Range

• Two flutes cut faster and keep bit cooler

No. of Holes

13

9

2

12

3

Fast-starting, non-walking drill tip

drill and won't spin out

Quick

#1

#3

#11

#14

#15

Reference

٠

٠

Cat. No.

KTSB01

KTSB03

KTSB11

KTSB14

KTSB15

Weight

High-visibility silver step rings!



KTSB11

Wood Boring

Wood Boring Bits with Screw Point

- Superior to auger bits
- Low-torque design greatly reduces the wrist fatigue from standard auger bits
- Easily change direction when drilling holes to customize the shape
- Unique head shape minimizes chatter while drilling versus ordinary paddle bits
- The extra durable pilot screws are hardened to last longer
- Easy-to-sharpen blades
- Easy-to-replace pilot screw shaft spin out



53938

See page 310 for additional information on warnings.

KTSB14

KTSB15

| Cat. No. | Hole Size | Shaft Diameter | Hex End | Shaft Length | Weight |
|----------|-------------------|----------------|---------|---------------|-----------------|
| 53932 | 7/8" (22.2 mm) | 3/8" (9.5 mm) | 5/16" | 6" (152.4 mm) | 4.5 oz. (128 g) |
| 53934 | 1-1/8" (28.6 mm) | 3/8" (9.5 mm) | 5/16" | 6" (152.4 mm) | 5.8 oz. (164 g) |
| 53936 | 1-3/8" (34.9 mm) | 3/8" (9.5 mm) | 5/16" | 6" (152.4 mm) | 6.2 oz. (176 g) |
| 53938 | Replacement Shaft | 3/8" (9.5 mm) | 5/16" | 6" (152.4 mm) | 3.5 oz. (99 g) |

NOTE: Read and follow safety instructions in power tool owner's manual.



www.kleintools.com

KTSB03 KTSB01



Ship-Auger Bits

Ship-Auger Bits with Screw Point

- Drills through nails, wood, vinyl, plastics and heavy timber
- Special bit steel with machine-ground flutes and polished edges for smooth, wobble-free boring
- Full length is heat-treated and tempered
- Deep, open-throat design clears chips for faster, cleaner cuts
- 7/16" hex shafts fit 1/2" and larger three-jaw chucks
- Head and twist are ground to correct clearance for easy removal from hole
- For heavy construction and repair work in mines, on docks and bridges, as well as electrical work

| | | | | 53437 |
|----------|------------------|----------------|----------------|--------------------|
| Cat. No. | Tip Size | Twist Length | Overall Length | Weight |
| 53402 | 3/4" (19.1 mm) | 4" (101.6 mm) | 6" (152.4 mm) | 6.4 oz. (181 g) |
| 53404 | 7/8" (22.2 mm) | 4" (101.6 mm) | 6" (152.4 mm) | 8.0 oz. (227 g) |
| 53406 | 1" (25.4 mm) | 4" (101.6 mm) | 6" (152.4 mm) | 8.0 oz. (227 g) |
| 53408 | 1-1/8" (28.6 mm) | 4" (101.6 mm) | 6" (152.4 mm) | 12.8 oz. (363 g) |
| 53437 | 3/4" (19.1 mm) | 15" (381.0 mm) | 18" (457.2 mm) | 15.2 oz. (431 g) |
| 53439 | 7/8" (22.2 mm) | 15" (381.0 mm) | 18" (457.2 mm) | 1.2 lbs. (0.54 kg) |
| 53441 | 1" (25.4 mm) | 15" (381.0 mm) | 18" (457.2 mm) | 1.7 lbs. (0.77 kg) |
| 53443 | 1-1/8" (28.6 mm) | 15" (381.0 mm) | 18" (457.2 mm) | 1.8 lbs. (0.82 kg) |

Anchors

Conical Anchor Kit-100 Fasteners

- Kit contains: 100 #2 Phillips, 10 x 1" Screws, and 100 plastic anchors
- 1/4" Masonry drill bit also included

| And the second s | 53729 |
|--|-------|

| Cat. No. | Anchor Size | Screw Size | Tip Size | Weight |
|----------|-------------|--------------------|---------------|--------------------|
| 53729 | #10 - #12 | #10 x 1" (25.4 mm) | 1/4" (6.4 mm) | 1.0 lbs. (0.45 kg) |

Drill Bit Sets

13-Piece Regular-Point Drill-Bit Set

- · Hinged metal box with one stand-up bit holder
- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding

15-Piece Regular-Point Drill-Bit Set

- Hinged metal box with two stand-up bit holders
- General-purpose, high-speed bits for reliable performance in a wide
- range of materialsStandard jobber length
- Standard jobber length
- Black-oxide finish reduces chip welding

Cat. No. Set Contains

 Lightly roughened surface has higher lubricity for easier chip flow

| Cat. No. | Set Contains | | | | Weight |
|----------|--------------|-----------------|----------|-----------------|-----------------|
| 53002 | | | | | 9.6 oz. (272 g) |
| | Cat. No. | Tip Size | Cat. No. | Tip Size | |
| | 53100 | 1/16" (1.59 mm) | 53107 | 11/64" (4.4 mm) | - |
| | 53101 | 5/64" (2.0 mm) | 53108 | 3/16" (4.8 mm) | - |
| | 53102 | 3/32" (2.4 mm) | 53109 | 13/64" (5.2 mm) | |
| | 53103 | 7/64" (2.8 mm) | 53110 | 7/32" (5.6 mm) | |
| | 53104 | 1/8" (3.2 mm) | 53111 | 15/64" (6.0 mm) | |
| | 53105 | 9/64" (3.6 mm) | 53112 | 1/4" (6.4 mm) | |
| | 53106 | 5/32" (4.0 mm) | | | |

| 53001 | | | | | 2.0 lbs. (0.91 kg) |
|-------|----------|-----------------|----------|------------------|--------------------|
| | Cat. No. | Tip Size | Cat. No. | Tip Size | |
| | 53100 | 1/16" (1.59 mm) | 53116 | 5/16" (7.9 mm) | • |
| | 53102 | 3/32" (2.4 mm) | 53118 | 11/32" (8.7 mm) | |
| | 53104 | 1/8" (3.2 mm) | 53120 | 3/8" (9.5 mm) | |
| | 53106 | 5/32" (4.0 mm) | 53122 | 13/32" (10.3 mm) | |
| | 53108 | 3/16" (4.8 mm) | 53124 | 7/16" (11.1 mm) | |
| | 53110 | 7/32" (5.6 mm) | 53126 | 15/32" (11.9 mm) | |
| | 53112 | 1/4" (6.4 mm) | 53128 | 1/2" (12.7 mm) | |
| | 53114 | 9/32" (7.1 mm) | _ | | |

See page 310 for additional information on warnings.



53002

53001

Weight



Holemaking Products & Accessories

Drill Bit Sets

Drill Bits



29-Piece Regular-Point Drill-Bit Set

- Hinged metal box with three stand-up bit holders
- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow

| Cat. No. | Set Contains | | Weight |
|----------|--------------|------------------|--------------------|
| 53000 | | | 3.3 lbs. (1.50 kg) |
| | Cat. No. | Tip Size | |
| | 53100 | 1/16" (1.59 mm) | |
| | 53101 | 5/64" (2.0 mm) | |
| | 53102 | 3/32" (2.4 mm) | |
| | 53103 | 7/64" (2.8 mm) | |
| | 53104 | 1/8" (3.2 mm) | |
| | 53105 | 9/64" (3.6 mm) | |
| | 53106 | 5/32" (4.0 mm) | |
| | 53107 | 11/64" (4.4 mm) | |
| | 53108 | 3/16" (4.8 mm) | |
| | 53109 | 13/64" (5.2 mm) | |
| | 53110 | 7/32" (5.6 mm) | |
| | 53111 | 15/64" (6.0 mm) | |
| | 53112 | 1/4" (6.4 mm) | |
| | 53113 | 17/64" (6.7 mm) | |
| | 53114 | 9/32" (7.1 mm) | |
| | 53115 | 19/64" (7.4 mm) | |
| | 53116 | 5/16" (7.9 mm) | |
| | 53117 | 21/64" (8.3 mm) | |
| | 53118 | 11/32" (8.7 mm) | |
| | 53119 | 23/64" (9.1 mm) | |
| | 53120 | 3/8" (9.5 mm) | |
| | 53121 | 25/64" (9.9 mm) | |
| | 53122 | 13/32" (10.3 mm) | |
| | 53123 | 27/64" (10.7 mm) | |
| | 53124 | 7/16" (11.1 mm) | |
| | 53125 | 29/64" (11.5 mm) | |
| | 53126 | 15/32" (11.9 mm) | |
| | 53127 | 31/64" (12.3 mm) | |
| | 53128 | 1/2" (12.7 mm) | |
| | | | |



53128

Regular-Point 118° High-Speed Drill Bits

- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow

| Cat. No. | Tip Size | Flute Length | Overall Length | Weight |
|----------|------------------|---------------------|-------------------|-----------------|
| 53100 | 1/16" (1.59 mm) | 7/8" (22.2 mm) | 1-7/8" (47.6 mm) | 0.2 oz. (5.7 g) |
| 53101 | 5/64" (2.0 mm) | 1" (25.4 mm) | 2" (50.8 mm) | 0.2 oz. (5.7 g) |
| 53102 | 3/32" (2.4 mm) | 1-1/4" (31.8 mm) | 2-1/4" (57.2 mm) | 0.2 oz. (5.7 g) |
| 53103 | 7/64" (2.8 mm) | 1-1/2" (38.1 mm) | 2-5/8" (66.7 mm) | 0.2 oz. (5.7 g) |
| 53104 | 1/8" (3.2 mm) | 1-5/8" (41.3 mm) | 2-3/4" (69.9 mm) | 0.2 oz. (5.7 g) |
| 53105 | 9/64" (3.6 mm) | 1-3/4" (44.5 mm) | 2-7/8" (73.0 mm) | 0.2 oz. (5.7 g) |
| 53106 | 5/32" (4.0 mm) | 2" (50.8 mm) | 3-1/8" (79.4 mm) | 0.2 oz. (5.7 g) |
| 53107 | 11/64" (4.4 mm) | 2-1/8" (54.0 mm) | 3-1/4" (82.6 mm) | 0.2 oz. (5.7 g) |
| 53108 | 3/16" (4.8 mm) | 2-5/16" (58.7 mm) | 3-1/2" (88.9 mm) | 0.3 oz. (8.5 g) |
| 53109 | 13/64" (5.2 mm) | 2-7/16" (61.9 mm) | 3-5/8" (92.1 mm) | 0.3 oz. (8.5 g) |
| 53110 | 7/32" (5.6 mm) | 2-1/2" (63.5 mm) | 3-3/4" (95.3 mm) | 0.8 oz (23 g) |
| 53111 | 15/64" (6.0 mm) | 2-5/8" (66.7 mm) | 3-7/8" (98.4 mm) | 0.8 oz (23 g) |
| 53112 | 1/4" (6.4 mm) | 2-3/4" (69.9 mm) | 4" (101.6 mm) | 0.8 oz (23 g) |
| 53113 | 17/64" (6.7 mm) | 2-7/8" (73.0 mm) | 4-1/8" (104.8 mm) | 0.8 oz (23 g) |
| 53114 | 9/32" (7.1 mm) | 2-15/16" (74.6 mm) | 4-1/4" (108.0 mm) | 0.8 oz (23 g) |
| 53115 | 19/64" (7.4 mm) | 3-1/16" (77.8 mm) | 4-3/8" (111.1 mm) | 0.8 oz. (23 g) |
| 53116 | 5/16" (7.9 mm) | 3-3/16" (81.0 mm) | 4-1/2" (114.3 mm) | 0.8 oz (23 g) |
| 53117 | 21/64" (8.3 mm) | 3-5/16" (84.1 mm) | 4-5/8" (117.5 mm) | 1.6 oz. (45 g) |
| 53118 | 11/32" (8.7 mm) | 3-7/16" (87.3 mm) | 4-3/4" (120.7 mm) | 0.8 oz (23 g) |
| 53119 | 23/64" (9.1 mm) | 3-1/2" (88.9 mm) | 4-7/8" (123.8 mm) | 1.6 oz. (45 g) |
| 53120 | 3/8" (9.5 mm) | 3-5/8" (92.1 mm) | 5" (127.0 mm) | 1.6 oz. (45 g) |
| 53121 | 25/64" (9.9 mm) | 3-3/4" (95.3 mm) | 5-1/8" (130.2 mm) | 1.6 oz. (45 g) |
| 53122 | 13/32" (10.3 mm) | 3-7/8" (98.4 mm) | 5-1/4" (133.4 mm) | 2.4 oz. (68 g) |
| 53123 | 27/64" (10.7 mm) | 3-15/16" (100.0 mm) | 5-3/8" (136.5 mm) | 2.4 oz. (68 g) |
| 53124 | 7/16" (11.1 mm) | 4-1/16" (103.2 mm) | 5-1/2" (139.7 mm) | 2.4 oz. (68 g) |
| 53125 | 29/64" (11.5 mm) | 4-3/16" (106.4 mm) | 5-5/8" (142.9 mm) | 2.9 oz. (82 g) |
| 53126 | 15/32" (11.9 mm) | 4-5/16" (109.5 mm) | 5-3/4" (146.1 mm) | 2.4 oz. (68 g) |
| 53127 | 31/64" (12.3 mm) | 4-3/8" (111.1 mm) | 5-7/8" (149.2 mm) | 3.2 oz. (91 g) |
| 53128 | 1/2" (12.7 mm) | 4-1/2" (114.3 mm) | 6" (152.4 mm) | 3.2 oz. (91 g) |

See page 310 for additional information on warnings.

